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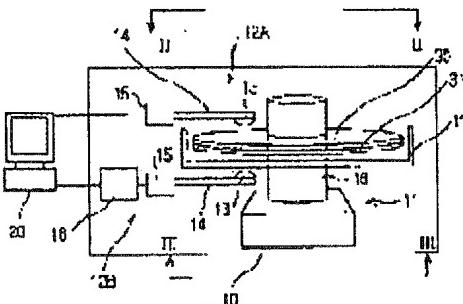
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(54) OPTICAL DISK DRIVE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an optical disk drive which can simultaneously record and reproduce signals on both recording surfaces of a double-sided disk.

SOLUTION: The optical disk drive 10 is composed of a disk drive mechanism 11 for rotating a double-sided disk 30 and recording/reproducing means 12A, 12B provided corresponding to both sides of the disk 30. With a command from a computer system 20, simultaneous and independent access can be made to respective optical disk 31 of the double-sided disk 30. One recording/reproducing means 12B is provided with a buffer 16 which drives serial data for each track and inverses the time sequence of the serial data within this division. The data recorded in both optical disks 31 has compatibility with each other and with the data recorded in the other disk drive so that access can be made by any recording/reproducing means 12A, 12B or by the other disk drive.



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